

In re Appln. of FUJIOKA et al.  
Application No. Unassigned

### *ABSTRACT AMENDMENTS*

Replace the Abstract with:

In the control of an electric power steering apparatus, ~~in the case~~ where so-called lead steering control is performed in which a handle steering wheel angle signal is ~~outputted~~ output through a lead filter ~~in order~~ to correct a reaction delay of a driver and a vehicle, ~~there has been a problem that~~ a delay of in control response occurs due to the feedback of a road surface reaction force torque. When a road surface reaction force torque ~~SAT~~ is fed back to a ~~handle 105 and is added~~ the steering wheel, it is added through a low-pass filter ~~202e~~ having a time constant equal to a reaction delay time constant  $t_d$  of a driver. ~~An added~~ A sum signal is ~~outputted~~ output through a lead filter ~~202b~~ to a second motor for controlling a steering shaft.